Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
Data File : BF123779.D
Acq On : 3 May 2021 14:33
Operator : JU/CG
Sample : M1458-09
Misc : MDL-WATER-04PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2021

Quant Time: May 03 14:57:13 2021
Quant Title :
QLast Update : Tue May 04 12:58:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	224963	20.00	ng		0.00
21) Naphthalene-d8	8.092	136	805516	20.00	ng		# 0.00
39) Acenaphthene-d10	9.845	164	390894	20.00	ng		0.00
64) Phenanthrene-d10	11.333	188	727266	20.00	ng		0.00
76) Chrysene-d12	13.974	240	594446	20.00	ng		-0.01
86) Perylene-d12	15.427	264	473396	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1456206	102.55	ng		0.00
7) Phenol-d6	6.445	99	1977033	101.07	ng		0.00
23) Nitrobenzene-d5	7.369	82	1074430	60.21	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	497606	102.26	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	1605510	59.81	ng		0.00
79) Terphenyl-d14	12.921	244	1746280	56.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	28842	3.77	ng		96
3) Pyridine	3.328	79	54346m	2.91	ng		
4) n-Nitrosodimethylamine	3.193	42	39561	3.84	ng		95
6) Aniline	6.469	93	99448	4.40	ng		99
8) 2-Chlorophenol	6.592	128	60098	3.93	ng		95
9) Benzaldehyde	6.357	77	55325	5.84	ng		94
10) Phenol	6.451	94	81789	3.89	ng		91
11) bis(2-Chloroethyl)ether	6.540	93	59134	3.85	ng		95
12) 1,3-Dichlorobenzene	6.745	146	61552	3.99	ng		94
13) 1,4-Dichlorobenzene	6.822	146	63418	4.06	ng		96
14) 1,2-Dichlorobenzene	6.981	146	57608	3.80	ng		94
15) Benzyl Alcohol	6.945	79	69502	4.53	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	129995	3.98	ng		98
17) 2-Methylphenol	7.057	107	49413	3.80	ng		96
18) Hexachloroethane	7.322	117	23458	3.80	ng		94
19) n-Nitroso-di-n-propyla...	7.210	70	47973	3.97	ng		98
20) 3+4-Methylphenols	7.216	107	64921	3.92	ng	#	89
22) Acetophenone	7.210	105	92797	4.24	ng	#	94
24) Nitrobenzene	7.387	77	72664	3.91	ng		97
25) Isophorone	7.622	82	112551	3.36	ng	#	98
26) 2-Nitrophenol	7.704	139	27821	3.67	ng		95
27) 2,4-Dimethylphenol	7.745	122	53541	4.49	ng		88
28) bis(2-Chloroethoxy)met...	7.839	93	70140	4.11	ng		96
29) 2,4-Dichlorophenol	7.951	162	41558	3.54	ng		92
30) 1,2,4-Trichlorobenzene	8.034	180	49526	4.02	ng		90
31) Naphthalene	8.110	128	172723	4.16	ng		96
33) 4-Chloroaniline	8.163	127	69388	4.01	ng	#	91
34) Hexachlorobutadiene	8.234	225	29383	3.92	ng		94
35) Caprolactam	8.481	113	11504	2.79	ng		99
36) 4-Chloro-3-methylphenol	8.639	107	54140	3.70	ng		99
37) 2-Methylnaphthalene	8.804	142	110983	4.11	ng		91
38) 1-Methylnaphthalene	8.904	142	100039	3.94	ng		96
40) 1,2,4,5-Tetrachloroben...	8.969	216	49005	4.26	ng		96
41) Hexachlorocyclopentadiene	8.963	237	10486	2.30	ng		97
43) 2,4,6-Trichlorophenol	9.081	196	26636	3.36	ng		99
44) 2,4,5-Trichlorophenol	9.122	196	30913	3.64	ng		99
46) 1,1'-Biphenyl	9.269	154	136951	4.28	ng		95

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47) 2-Chloronaphthalene	9.292	162	96751	4.01	ng		100
48) 2-Nitroaniline	9.380	65	38482	3.62	ng	#	81
49) Acenaphthylene	9.704	152	154925	3.97	ng		98
50) Dimethylphthalate	9.563	163	107037	3.89	ng		99
51) 2,6-Dinitrotoluene	9.622	165	23239	3.65	ng		98
52) Acenaphthene	9.875	154	90030	3.79	ng		95
53) 3-Nitroaniline	9.792	138	27584	3.63	ng		93
55) Dibenzofuran	10.051	168	140367	3.91	ng		96
56) 4-Nitrophenol	9.963	139	12783	2.31	ng		97
57) 2,4-Dinitrotoluene	10.028	165	28130	3.24	ng	#	93
58) Fluorene	10.392	166	114799	4.16	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.169	232	22424m	3.33	ng		
60) Diethylphthalate	10.263	149	109053	3.72	ng		98
61) 4-Chlorophenyl-phenyle...	10.386	204	51716	4.02	ng		97
62) 4-Nitroaniline	10.398	138	23535	3.12	ng		92
63) Azobenzene	10.545	77	123680	3.67	ng		97
66) n-Nitrosodiphenylamine	10.504	169	94663	3.98	ng		98
67) 4-Bromophenyl-phenylether	10.875	248	28838	3.77	ng		91
68) Hexachlorobenzene	10.945	284	35641	4.09	ng	#	91
69) Atrazine	11.027	200	28043	3.90	ng		99
71) Phenanthrene	11.357	178	158710	4.16	ng		98
72) Anthracene	11.404	178	155263	4.09	ng		97
73) Carbazole	11.557	167	148587	3.88	ng		100
74) Di-n-butylphthalate	11.898	149	154375	3.59	ng		97
75) Fluoranthene	12.545	202	159545	3.83	ng		97
77) Benzidine	12.663	184	78896m	5.13	ng		
78) Pyrene	12.774	202	172363	3.74	ng		96
80) Butylbenzylphthalate	13.398	149	57548	2.92	ng		90
81) Benzo(a)anthracene	13.963	228	136652	3.79	ng		98
82) 3,3'-Dichlorobenzidine	13.927	252	42193	3.81	ng		97
83) Chrysene	13.998	228	133129	3.67	ng		98
84) Bis(2-ethylhexyl)phtha...	13.957	149	75957	3.10	ng	#	98
85) Di-n-octyl phthalate	14.568	149	104343	2.66	ng		99
87) Indeno(1,2,3-cd)pyrene	16.862	276	89823	3.26	ng	#	94
88) Benzo(b)fluoranthene	15.004	252	122463m	3.84	ng		
89) Benzo(k)fluoranthene	15.033	252	103858	3.41	ng		96
90) Benzo(a)pyrene	15.362	252	101072	3.70	ng		99
91) Dibenzo(a,h)anthracene	16.880	278	78975	3.39	ng		97
92) Benzo(g,h,i)perylene	17.298	276	78790	3.38	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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